

AMENDMENTS TO THE SPECIFICATION

Please replace the Cross Reference to Related Applications at page 1 beginning at line 4 with the following amended Cross Reference.

The present application is a continuation-in-part of U. S. Patent Application No. 08/839,020 filed April 23, 1997, ~~which issued as (now U. S. Patent No. 5,965,863[[]]) on October 12, 1999~~ which, in turn, is a continuation-in-part of U. S. Patent Application No. 08/697,913, filed September 3, 1996, ~~which issued as (now U. S. Patent No. 5,900,613[[]]) on May 4, 1999~~, which is a continuation-in-part of U. S. Patent Application No. 08/516,185 filed August 18, 1995 (now abandoned) which is a continuation-in-part of U. S. Patent Application No. 08/205,539 filed March 4, 1994, (now U. S. Patent No. 5,463,214)[[]] [[i]] said U. S. Patent Application No. 08/839,020 is a continuation-in-part of U. S. Patent Application No. 08/504,643 filed July 20, 1995 (now U. S. Patent No. 5,773,806); said U. S. Patent Application No. 08/697,913 is a continuation-in-part of U. S. Patent Application No. 08/504,643 filed July 20, 1995 (now U. S. Patent No. 5,773,806), and a continuation-in-part of U. S. Patent Application No. 08/441,446 filed May 15, 1995 (now U. S. Patent No. 5,591,956), and a continuation-in-part of U. S. Patent Application No. 08/371,037 filed January 10, 1995 (now abandoned).

Please amend on page 68, beginning at line 20 with the following:

Component control instructions for on-receipt execution which operate to control ~~LED's~~ LEDs 22 or speaker 38 are useful[[]] ~~[[.]]~~ for ~~For~~ example, to signal an alarm condition, to indicate that a task is completed, or to attract the attention of a reader operator for any purpose. The invention relates to an optical reading system comprising an optical reader and a host processor. In one aspect of the invention, the host processor may be configured to transmit a component control instruction in response to a user input command input by a user of the host processor to remotely control the reader. The optical reader subsequently receives the transmitted component control instruction and executes the component control instruction substantially on receipt thereof. In one embodiment, execution of the component

control instruction by the optical reader has the same effect as the reader trigger being manually pulled by a reader operator.

Please amend on page 70, beginning at line 22 with the following:

As is indicated by block 602 and block 603, reader 10 may be adapted to exit the loop indicated by block 605' and to appropriately control the component associated with the received instruction on the condition that a remote component control instruction is received from processor 900. There is described herein (a): an optical reader comprising an imaging assembly; a processor in communication with said imaging assembly, and a memory in communication with said processor having an operating program stored thereon for controlling operation of said optical reader, said optical reader being adapted to receive a component control instruction from a remote processor, and further being adapted to execute said component control instruction substantially on receipt of said component control instruction from said remote processor. There is also described the optical reader of (a) wherein said component control instruction is a remote trigger activation instruction; the optical reader of (a) wherein said component control instruction is a remote trigger release instruction; the optical reader of (a) wherein said imaging assembly includes an illumination source, wherein execution of said component control instruction results in said illumination source being controlled; the optical reader of (a) further comprising an acoustic output device, wherein execution of said component control instruction results in said acoustic output device being controlled; the optical reader of (a) further comprising a display, and wherein execution of said component control instruction results in a predetermined indicia being displayed by said display device; the optical reader of (a) wherein said memory stores at least one frame of image data, and wherein execution of said component control instruction results in said at least one frame of image data being uploaded to a remote processor; the optical reader of (a) wherein execution of said component control instruction results in said processor controlling said imaging assembly to capture a frame of image data in said memory. There is also described herein (b): an optical reader system comprising a portable optical reader having an imaging assembly, a reader processor in

communication with said imaging assembly, and a reader memory in communication with said reader processor, said optical reader being adapted to receive a component control instruction from a remote processor; and a remote processor, adapted to transmit a component control instruction in response to a user input command to control said optical reader, said optical reader being programmed so that said reader processor executes said component control instruction substantially on receipt of said component control instruction from said remote processor. There is also described the optical reader system of (b) wherein said component control instruction is a remote trigger activation instruction; the optical reader system of (b) wherein said component control instruction is a remote trigger release instruction; the optical reader system of (b) wherein said imaging assembly includes an illumination source, and wherein execution of said component control instruction results in said illumination source being controlled; the optical reader system of (b) wherein said optical reader includes an acoustic output device, and wherein execution of said component control instruction results in said acoustic output device being controlled; the optical reader system of (b) wherein said optical reader includes a display, and wherein execution of said component control instruction results in a predetermined indicia being displayed by said display device; the optical reader system of (b) wherein said reader memory stores at least one frame of image data, and wherein execution of said component control instruction results in said at least one frame of image data being uploaded to said remote processor; the optical reader system of (b) wherein execution of said component control instruction results in said reader processor controlling said imaging assembly to capture a frame of image data in said reader memory.